

69643

1970 APR 7 14 40Z

PRIORITY

P 071415Z APR 70  
 FM NPIC WASHDC  
 TO RHCOAAA/SAC OFFUTT AFB OMAHA NEBR  
 RHCOAAA/544TH ARTW OFFUTT AFB OMAHA NEB  
 RUCILBA/100TH SRW OL 19 MCCOY AFB FLA  
 RUVRRJA/WRAMA/WRNWA WARNER ROBBINS AFB, GA  
 RUWMDA/100TH SRW DAVIS MONTHAN AFB ARIZ  
 RUWMDA/12 SAD DAVIS MONTHAN AFB ARIZ  
 RUEBJRA/NAVRECONTECHSUPPCEN SUITLAND MD  
 RUEAIIA/CIA WASH DC  
 RUEKJCS/DIA  
 RUWBKNA/15TH AF MARCH AFB RIVERSIDE CALIF  
 RUEFHQA/HQS USAF

BT

S E C R E TITE NPIC 8281

SAC FOR DIRI, DOSR, DISD, DM4C; 100 SRW DAVIS MONTHAN AFB  
 FOR DO, DCOI, DCM, AEMS; 12 SAD FOR MD; DIA FOR DIAXX-1;  
 HQ USAF FOR AFIGOS, AFXOTR; 15TH AF FOR DI, DO, DM4C.

SUBJECT: EVALUATION OF OLD HEAD MISSION G-117, 31 MAR 70

1. IMAGE QUALITY: THE OVERALL IMAGE QUALITY IS FAIR. THE

DISTRIBUTION		
CY	OFFICE	PI
62	FILE	
	CABLE SEC.	
	INAD/AD	
	SECUR.	
3.4	TSSG/APS D	
	PSC/OC	
	RED	
	REPRO	
	AID	
	IEG	
	ISAD	
	SO/CI	
	WEST	
	EMET	
	PS	
	INAD	
	IN	
	DIA-XX4	
	SPAD	
	DIA-AP	
	CMX	

25X1

ADVANCE CY  
SANITIZED  
WITH TEXT

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QUALITY IS GENERALLY VARIABLE WITH THE BEST IMAGERY BEING ALONG THE  
 TITLED EDGE OF THE FWD LOOKING FRAMES. IN GENERAL THE NON-TITLED  
 EDGE OF THE FWD FRAMES AND THE AFT FRAMES CONTAINS IMAGERY WHICH  
 HAS AN OUT OF FOCUS APPEARANCE AND LACKS GOOD EDGE DEFINITION. THIS  
 APPEARS TO BE THE RESULT OF INTERNAL THERMAL GRADIENTS. SOME  
 INSTANCES OF SMEAR IN THE SCAN DIRECTION WERE NOTED ALONG WITH IMAGE  
 DEGRADATION RESULTING FROM VEHICLE VIBRATIONS. ATMOSPHERICS SIGNI-  
 FICANTLY AFFECTED THE IMAGE QUALITY. CLOUD COVER AFFECTS APPROXI-  
 MATELY 40 PERCENT OF THE ENTIRE MISSION. HOWEVER, THE MAJORITY OF  
 THIS CLOUD COVER AFFECTS A MAJOR PORTION OF THE TERRAIN IMAGERY.  
 MOST OF THE CLEAR WEATHER OCCURRED OVER WATER. AS A RESULT, THE  
 INTERPRETATION SUITABILITY IS CONSIDERED TO BE POOR TO FAIR.

## 2. MSN DATA:

- A. G-117, 31 MAR 70
- B. I-2, 8007
- C. A/C 330
- D. STEREO
- E. T/O: 1115Z, C/ON: 1327Z
- F. 3404
- G. MX819-1, NRTSC

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- H. AVG GAMMA: 1.65
- I. SLIT: 0.085 IN

## 3. ORIGINAL NEGATIVE:

- A. EXPOSURE: SLIGHTLY UNDEREXPOSED IN THE BEGINNING TO

II

ADEQUATELY EXPOSED.

B. DENSITY AND CONTRAST: GENERALLY MEDIUM WHERE NOT AFFECTED BY ATMOSPHERICS.

C. IMAGED DEGRADATIONS: NONE OTHER THAN THOSE CONSIDERED CHARACTERISTIC OF UNIT 8007.

D. PHYSICAL DEGRADATIONS: FINE EMULSION SCRATCHES PARALLEL TO THE MAJOR AXIS ARE PRESENT THROUGHOUT THE MISSION. THERE WERE THREE HEAT SPLICES AND ONE ULTRASONIC SPLICE ON THIS MISSION.

F. DATA RECORDING EQUIPMENT: ALL SYSTEMS FUNCTIONED PROPERLY.

G. OTHER: THE LAST TITLED FRAME IS 1188 COUNTER 1193. THIS BIAS HELD THROUGHOUT THE MISSION.

4. POSITIVES: ADEQUATE FOR EXPLOITATION PURPOSES.

EOM

GP-1

S E C R E T

EOM

GROUP-ONE

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